

## Message Text

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ORIGIN NRC-07

INFO OCT-01 ARA-10 EUR-12 EA-10 NEA-09 IO-10 ISO-00 FEA-01

ACDA-10 CIAE-00 INR-07 L-02 NSAE-00 NSC-05 EB-07

OES-05 COME-00 SS-15 PRS-01 DODE-00 NSCE-00 SSO-00

USIE-00 INRE-00 /112 R

DRAFTED BY NRC:JLAFLEUR

APPROVED BY OES/SCI/AE:JBLOOM

EA/J - D. SMITH

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FM SECSTATE WASHDC

TO AMEMBASSY BERN IMMEDIATE

AMEMBASSY BONN IMMEDIATE

AMEMBASSY COPENHAGEN IMMEDIATE

AMEMBASSY HELSINKI IMMEDIATE

AMEMBASSY LONDON IMMEDIATE

AMEMBASSY MADRID IMMEDIATE

AMEMBASSY STOCKHOLM IMMEDIATE

AMEMBASSY TAIPEI IMMEDIATE

AMEMBASSY TOKYO IMMEDIATE

USMISSION EC BRUSSELS IMMEDIATE

USMISSION IAEA VIENNA IMMEDIATE

USMISSION OECD PARIS IMMEDIATE

AMEMBASSY MEXICO IMMEDIATE

AMEMBASSY NEW DELHI IMMEDIATE

AMEMBASSY OTTAWA IMMEDIATE

AMEMBASSY PARIS IMMEDIATE

AMCONSUL RIO DE JANEIRO IMMEDIATE

AMEMBASSY ROME IMMEDIATE

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E.O. 11652: NA

TAGS: TECH, ENRG, JA

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SUBJECT: NUCLEAR REGULATORY COMMISSION ANNOUNCEMENT ON  
BOILING WATER REACTORS

REF: STATE A-2467

1. FOLLOWING ANNOUNCEMENT WILL BE ISSUED BY US NRC  
AT 1:00 PM EDT, APR 26, 1975. ADDRESSEES REQUESTED TO  
INFORM NRC CONTACTS IN ACCORDANCE WITH REF AIR EARLY ON  
APR 26, ASK THEIR CONFIDENCE IN AVOIDING PREMATURE  
RELEASE (EXCEPT TOKYO, SEE BELOW), AND REPORT ANY REACTION  
BY TELEGRAM NEXT NORMAL WORKING DAY.

2. ANNOUNCEMENT: THE NEBRASKA PUBLIC POWER DISTRICT  
HAS REDUCED POWER AND COOLANT FLOW AT ITS COOPER NUCLEAR  
POWER PLANT TO NO MORE THAN 50 PERCENT OF AUTHORIZED LIMITS  
IN VIEW OF INDICATIONS OF POSSIBLE VIBRATIONS WITHIN THE  
REACTOR CORE.

3. THE NRC STAFF IS REQUIRING OPERATORS OF 10 OTHER  
BOILING WATER REACTORS (BWRS) TO PROVIDE INFORMATION ON  
POSSIBLE VIBRATIONS.

4. NRC LETTERS TO LICENSEES RESULT FROM INFORMATION

PROVIDED TO NRC BY THE GENERAL ELECTRIC COMPANY,  
MANUFACTURER OF BWRS. IN ITS INITIAL REPORT OF APRIL  
17, GE SAID INDICATIONS OF POSSIBLE VIBRATION IN THE  
REACTOR CORE HAD BEEN OBSERVED ON CERTAIN INSTRUMENTS  
AT A FOREIGN REACTOR. THE INSTRUMENTS, TRAVERSING  
IN-CORE PROBES (TIP), ARE USED FOR NEUTRON MONITORING.

5. PRELIMINARY EXAMINATION BY GE INDICATED COOLANT  
FLOW THROUGH BY-PASS HOLES IN THE PLATE SUPPORTING THE  
REACTOR CORE MAY BE INDUCING MOVEMENT OF THE INSTRUMENT  
COMPONENTS SUFFICIENT TO CONTACT THE CORNERS OF THE  
CHANNEL BOXES, CAUSING WEAR AND CRACKING. SUCH WEAR  
AND CRACKING WERE OBSERVED IN THE FOREIGN REACTOR.  
CHANNEL BOXES ARE STRUCTURES AROUND BUNDLES OF FUEL  
RODS THAT HELP SMOOTH THE FLOW OF WATER PAST THE BUNDLES  
AND THROUGH THE CORE.

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6. ON APRIL 24, GE REPORTED TO NRC THAT SIMILAR  
BEHAVIOR, BUT OF LESSER MAGNITUDE THAN NOTED IN THE  
FOREIGN REACTOR, HAD BEEN IDENTIFIED IN MONITORING  
RESULTS AT THE COOPER STATION REACTOR. NEBRASKA PUBLIC  
POWER DISTRICT HAS AGREED TO REDUCE POWER AND COOLANT  
FLOW LEVELS TO NOT MORE THAN 50 PERCENT OF AUTHORIZED

LIMITS. A CONFIRMING ORDER HAS BEEN ISSUED BY THE NRC STAFF.

7. NRC IS DIRECTING UTILITIES OPERATING 10 OTHER BWRS THAT HAVE BY-PASS HOLES IN THE CORE PLATE TO REVIEW RESULTS FROM TIP MONITORING WHICH HAS BEEN PERFORMED WITHIN THE LASTTHREE MONTHS TO IDENTIFY ANY ANOMALOUS BEHAVIOR AND TO PROVIDE TO NRC RESULTS OF THE REVIEW AND A COPY OF MONITORING REPORTS WITHIN 5 DAYS.

8. IN ADDITION TO THE COOPER STATION, INFORMATION IS BEING SOUGHT FROM THE FOLLOWING PLANTS: DUANE ARNOLD, VERMONT YANKEE, BROWNS FERRY ONE AND TWO, PEACH BOTTOM TWO AND THREE, PILGRAM, BRUNSWICK, HATCH, AND FITZPATRICK- END OF ANNOUNCEMENT.

9. ALTHOUGH NOT INCLUDED IN THE ANNOUNCEMENT, POSTS MAY INFORM CONTACTS IN CONFIDENCE THE MENTIONED FOREIGN REACTOR IS FUKUSHIMA TWO IN JAPAN.

10. FOR TOKYO: PLEASE ADVISE FUKUNAGA, JAEB, EARLY ON APRIL 26, THAT THE FOREIGN REACTOR IS FUKUSHIMA TWO. NRC ADVISED JAPANESE EMBASSY, WASHINGTON, DC, ABOUT 1:00 PM EDT, APR 25, OF PROBABILITY OF THIS ANNOUNCEMENT AND FACT FUKUSHIMA TWO IS ORIGIN OF INFORMATION. ADVISE FUKUNAGA THIS ALERT GIVEN TO ALLOW JAPANESE TO TAKE ACTION DEEMED APPROPRIATE IN JAPAN WITH REGARD TO JAPANESE BWRS. REQUEST EMBASSY TO ASK GOJ TO HONOR EMBARGO ON US PRESS ANNOUNCEMENT AS REGARDS NRC ACTION ON US PLANTS IF THEY SHOULD MAKE PUBLIC STATEMENTS CONCERNING THEIR REACTORS. KISSINGER

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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** WATER, NUCLEAR REACTORS, NUCLEAR POWER PLANTS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 26 APR 1975  
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**Decaption Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
**Disposition Authority:** n/a  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
**Disposition Date:** 01 JAN 1960  
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**Disposition History:** n/a  
**Disposition Reason:**  
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**TAGS:** TECH, ENRG, JA, NUCLEAR REGULATORY COMN (NRC)  
**To:** BERN MULTIPLE  
**Type:** TE  
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